

# Patent Gullet-Tooth Circular Saws.

One of the most Valuable and Useful Improvements of the Age.



Patent Ground and Tempered Solid Teeth, of Extra Quality, Superior Workmanship, and Guaranteed as per Warranty.

Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional gauge, heavier.	Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional gauge, heavier.
4 inch	18 gauge	1/2 inch	\$0 70	\$0 06	36 inch	9 gauge	1 1/2 inch	\$21 00	\$1 50
5 "	18 "	1/2 "	0 92	0 08	38 "	8 "	1 1/2 "	24 20	1 75
6 "	17 "	1/2 "	1 15	0 10	40 "	8 "	1 1/2 "	29 40	2 25
7 "	17 "	1/2 "	1 40	0 12	42 "	8 "	1 1/2 "	34 65	2 75
8 "	16 "	1/2 "	1 68	0 14	44 "	8 "	1 1/2 "	42 00	3 20
9 "	15 "	1/2 "	1 95	0 16	46 "	7 "	1 1/2 "	49 25	3 75
10 "	14 "	1/2 "	2 25	0 18	48 "	6 "	2 "	57 75	4 50
12 "	14 "	1 "	2 85	0 20	50 "	6 "	2 "	65 65	4 75
14 "	11 "	1 "	3 50	0 24	52 "	6 "	2 "	75 06	6 30
16 "	13 "	1 1/2 "	4 40	0 30	54 "	6 "	2 "	89 75	7 50
18 "	13 "	1 1/2 "	5 50	0 45	56 "	5 "	2 "	107 50	9 00
20 "	12 "	1 1/2 "	6 40	0 48	58 "	5 "	2 "	135 50	10 50
22 "	12 "	1 1/2 "	7 50	0 52	60 "	5 "	2 "	130 00	12 00
24 "	11 "	1 1/2 "	8 60	0 60	62 "	5 "	2 "	162 75	13 00
26 "	11 "	1 1/2 "	10 50	0 70	64 "	5 "	2 "	189 00	15 75
28 "	11 "	1 1/2 "	12 90	0 80	66 "	5 "	2 "	202 00	18 00
30 "	10 "	1 1/2 "	14 00	0 90	68 "	4 "	2 1/2 "	226 00	20 00
32 "	10 "	1 1/2 "	16 50	1 00	72 "	4 "	2 1/2 "	248 00	25 00
34 "	10 "	1 1/2 "	19 50	1 20					

## Perforated Circular Saws Supplied.

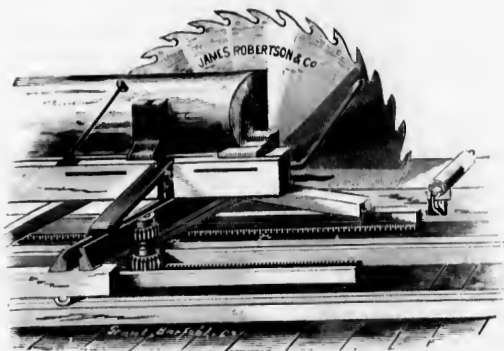
No extra charge for Saws one gauge thicker than list. Circular Saws bevelled one gauge without extra charge.

Circular Saws to cut Metal or Ivory 50 per cent. advance.

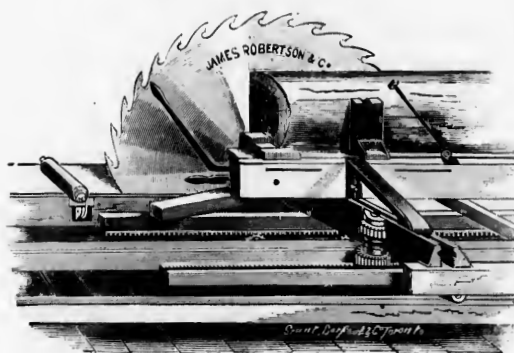
Can supply Saws of any manufacture desired.

## Circular Saws.

Right Hand Saw.



Left Hand Saw.



When ordering Circular Saws the following directions should be explicitly given :

Diameter of Saw ..... inches.  
 Thickness of Saw at Rim ..... gauge.  
 Thickness of Saw at Centre ..... gauge.  
 Number of Teeth in Saw .....  
 Kind of Tooth and No. ....  
 Whether spring or spread set .....  
 Mandril Hole .....

Pin Holes ..... inches.  
 Distance between pin holes from centre to centre. .... inches.  
 Right or left hand Saw, see engraving above. ....  
 Greatest feed at each revolution of Saw ..... inches.  
 Kind of Lumber to be sawed. ....  
 Speed of Saw, about ..... revolutions per minute.

All Saws fully warranted.

## Extra Cast Steel Shingle Saws.

Tapered and Patent Ground.



inches,	32	34	36	38	40	42	44	46
Each,	\$22 00	25 00	30 00	34 00	40 00	50 00	61 00	75 00

When ordering Shingle Saws give the following directions:

Diameter of Saw in inches; Thickness or Gauge of Saw at centre; Thickness or Gauge of Saw at rim; full sketch or pattern of holes, and sample of screw by which to drill or countersink saw. If you have a flange send it to have holes drilled in saw to fit flange. State whose make of machine the Saw is to run upon, number of teeth you wish in the Saw, and be sure to give flat or countersunk side and the direction in which the teeth run.

## PRICES FOR REPAIRING SAWS.

## Circular Saws.

BREAKAGE AT OWNER'S RISK.

4 to 26 inch, gumming and hammering.	-	-	-	-	-	-	-	7 cents per inch diameter.
4 " 26 " hammering only.	-	-	-	-	-	-	-	5 " "
27 " 36 " gumming and hammering.	-	-	-	-	-	-	-	9 " "
27 " 36 " hammering only.	-	-	-	-	-	-	-	6 " "
37 " 48 " gumming and hammering.	-	-	-	-	-	-	-	13 " "
37 " 48 " hammering only.	-	-	-	-	-	-	-	9 " "
49 " 54 " gumming and hammering.	-	-	-	-	-	-	-	17 " "
49 " 54 " hammering only.	-	-	-	-	-	-	-	9 " "
55 " 60 " gumming and hammering.	-	-	-	-	-	-	-	10 " "
55 " 60 " hammering only.	-	-	-	-	-	-	-	20 " "
61 and upwards, gumming and hammering.	-	-	-	-	-	-	-	11 " "
61 " hammering only.	-	-	-	-	-	-	-	25 " "
	-	-	-	-	-	-	-	15 " "

Gumming only charged same price as gumming and hammering.

When altered from Rip to Cross-Cut or Cross-Cut to Rip, we add one-third to price of gumming and hammering.

## Shingle Saws.

30 to 34 inch, gumming and hammering.	-	-	-	-	-	-	-	13 cents per inch diameter.
30 " 34 " hammering only.	-	-	-	-	-	-	-	9 " "
35 and upwards, gumming and hammering.	-	-	-	-	-	-	-	20 " "
35 " hammering only.	-	-	-	-	-	-	-	12 " "

Taking off and putting on collars, extra, \$1.25 each.

## Re-Grinding Shingle Saws.

1 Gauge, 20 cents per inch diameter; 2 Gauges, 28 cents per inch diameter; 3 Gauges, 36 cents per inch diameter, including hammering.

## Re-Grinding Circular Saws.

	Per Gauge.		Per Gauge.
20 to 36 inch diameter.	80 80	55 to 60 inch diameter.	82 20
37 " 40 " "	1 10	61 " 66 " "	2 75
41 " 48 " "	1 35	67 " 72 " "	3 30
49 " 54 " "	1 65		

To prices for Re-Grinding Circular Saws, hammering must be added at above rates, as saws are hammered before and after grinding.

## Mill Gang and Butting.

Gumming and hammering, \$1.00 each; hammering, 75 cents.

## Mulay Saws.

Gumming and hammering, \$2.00 each; hammering, \$1.00.

## Cross-Cut and Tenon Saws.

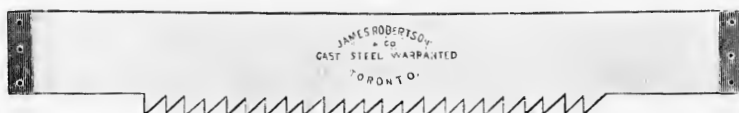
Gumming and hammering, \$1.00 each; hammering, 50 cents each; gumming, hammering, setting and filing, \$1.50, each.

## Gang Saws.



Nos. 9 and 10 gauge, 8 inches wide, per foot, \$1 15	9 inches wide, per foot, \$1 30
Nos. 11 and 12 gauge, 8 inches wide, " 1 05	9 inches wide, " 1 20
Nos. 13 to 15 gauge, 8 inches wide, " 1 00	9 inches wide, " 1 15

## Gang Saws. Showing Tabs.



Nos. 9 and 10 gauge, 8 inches wide, per foot, \$1 15	9 inches wide, per foot, \$1 30
Nos. 11 and 12 gauge, 8 inches wide, " 1 05	9 inches wide, " 1 20
Nos. 13 to 15 gauge, 8 inches wide, " 1 00	9 inches wide, " 1 15

Cutting Tabs on ends of Saw. Price according to width of Saw.

## Mulay Saws.



Width,	10	11	12	14 inches.
Length, 6½ feet,	\$10 75	\$12 00	\$13 00	\$15 25 each.
Length, 7 feet,	12 00	13 50	15 00	16 25 "
Length, 7½ feet,	13 25	14 50	16 00	17 50 "
Length, 8 feet,	.. ..	.. ..	18 00	20 00 "

## Mill Saws.



No. 6, W. G. Mill Saw,	-	-	-	-	per foot, \$1 40
No. 7, W. G. Mill Saw,	-	-	-	-	" 1 30
No. 8, W. G. Mill Saw,	-	-	-	-	" 1 20
No. 9, W. G. Mill Saw,	-	-	-	-	" 1 15

## Cross Cut Saws.

Every Saw fully Warranted.

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
LANCE TOOTH



Lance Tooth Silver Steel,

per foot, \$0 90

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
IMPROVED DIAMOND



Diamond Tooth, Silver Steel,

per foot, \$0 90

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
THE HANLAN



Hanlan Tooth, Silver Steel,

per foot, \$0 90

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
NEW IMPROVED CHAMPION



New improved Champion Tooth, Silver Steel,

per foot, \$0 75

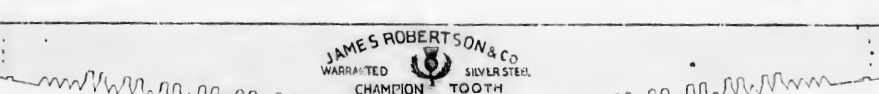
JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
IMPROVED CHAMPION



Improved Champion Tooth, Silver Steel,

per foot, \$0 55

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
CHAMPION TOOTH



Champion Tooth, Silver Steel,

per foot, \$0 55

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
TUTTLE TOOTH



Tuttle Tooth, Silver Steel,

per foot, \$0 55

JAMES ROBERTSON & Co  
WARRANTED SILVER STEEL  
COMMON TOOTH



Common Tooth, Silver Steel,

per foot, \$0 50

## Butting or Drag Saws.

Cross Cut Tooth.



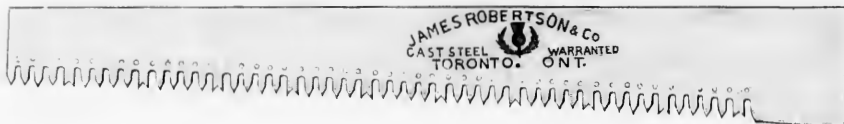
Rip Tooth.



No. 11 and 12 W. G., Tapered 8 inch at butt, 6 inch at point,	-	per foot, \$1 00
No. 9 and 10 W. G., Tapered 8 inch at butt, 6 inch at point,	-	" 1 10
No. 8 W. G., Tapered 8 inch at butt, 6 inch at point,	-	" 1 25
No. 7 W. G., Tapered 8 inch at butt, 6 inch at point,	-	" 1 45

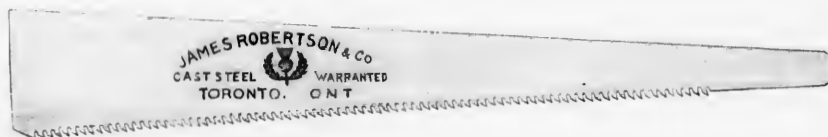
No extra charge for patent or imported teeth. In ordering Drag Saws state whether rip or cross cut. Give the gauge, etc., if required other than usual thickness.

Lance Tooth Perforated.



No. 9 and 10 gauge, Tapered 10 inch at butt, 9 inch at point,	-	per foot, \$1 30
No. 9 and 10 gauge, Tapered 12 inch at butt, 10 inch at point,	-	" 1 60

## Pit Saws.



Feet,	6	6½	7	7½	8	9	10
Each,	\$6 60	7 45	8 55	9 65	11 35	12 90	15 75
Tiller Handles and Boxes for Pit Saws, complete,	-	-	-	-	-	-	\$2 25

## Ice Saw, with Tiller Handle.



No. 10 and 11 W. G., Tapered 8 inch butt, 6 inch point, set and sharpened, without handle.	-	-	-	-	per foot, \$1 05
No. 10 and 11 W. G., Tapered 7 inch butt, 5 inch point, set and sharpened, without handle.	-	-	-	-	per foot, 1 00
Tiller Handles,	-	-	-	-	each, 1 25

## One Man Cross Cut Saws.

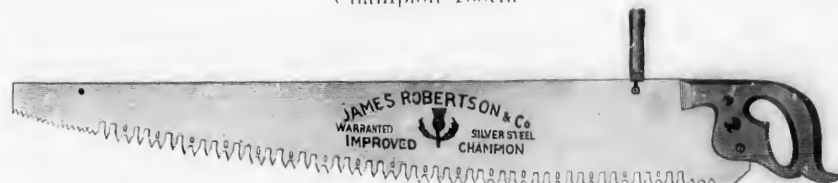
Lance Tooth with Supplementary Handle.



Feet,	3	3½	4	4½	5	5½	6
Each,	\$3 00	3 50	4 00	4 50	5 00	5 50	6 00

Handan, Diamond and New Improved Champion same price as above.

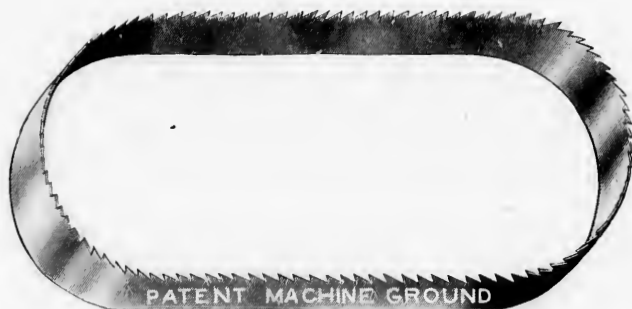
## Champion Tooth.



Feet,	3	3½	4	4½	5	5½	6
Each,	\$2 50	2 75	3 00	3 50	4 00	4 50	5 00

Improved Champion, Tuttle and Common Tooth same price as above.

## Band Saw Blades.



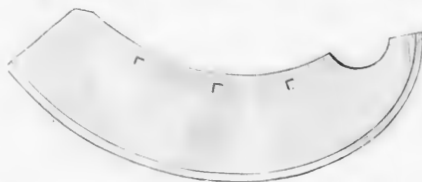
Set and Sharpened (not Joined).

Inches.	$\frac{3}{16}$ and $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per foot.	80 15	0 16	0 17	0 18	0 19	0 20	0 21	0 25	0 29	0 33	0 37	0 41	0 45

### Suggestions for the Use of Band Saws.

Keep the correct pitch upon the tooth, so as to give a proper lead into the cut. This will take the friction entirely off the stay-pin. By the use of a round edge file the saw will be kept from galling. To save trouble and expense a proper pitch must be held for each kind of wood and work.

## Straw Cutter Knives.



Nos.	1	2	3	4	5
Each,	80 75	0 85	1 00	1 25	1 50

49 Straw Knives made to order any pattern. %

## Gauge for Regulating Cleaning Teeth.



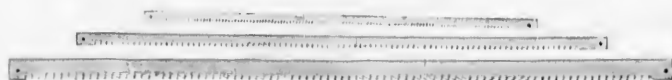
Showing the Gauge in position for filing the Cleaner Teeth.

Per dozen,	-	-	-	-	-	-	-	-	-	-	-	-	80 75
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The cleaning teeth of all saws should be somewhat shorter than the cutting teeth, and although shorter should be of uniform length throughout. The inner edge of the Gauge rests on the points of the Cutting Teeth, the Cleaning Teeth projecting through the opening in centre of Gauge. Reduce the projecting points, by means of a File, until arrested by the edges of the Gauge, which is made of hardened steel. Thus teeth after to teeth can be rapidly and correctly reduced to an even length by an unskilled operator.



## Patent Ground Web Saw Blades.



## Turning or Chair Webs.

Inches,	8	10	12	14	16	18	20	22	24	26	28	30
Width,	$\frac{1}{8}$	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{1}{2}$ to $\frac{5}{8}$	$\frac{5}{8}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$
Per doz.,	1 64	1 87	2 10	2 40	2 66	2 93	3 20	"	4 27	4 80	5 33	5 87

24 inches is the longest we keep in stock.

## Felloe Webs.

Inches,	12	14	16	18	20	22	24	26	28	30	32	34	36
Width,	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $\frac{3}{4}$
Per doz.,	3 08	3 58	4 10	4 60	5 72	5 63	6 15	6 64	7 17	7 68	8 18	8 71	9 20

30 inches is the longest we keep in stock.

## Billet Webs.



		30 in.	32 in.
No. 7, Jas. Robertson & Co., C. S., Set and Filed,	-	\$4 50	\$5 00
No. 9, Jas. Robertson & Co., S. S., Set and Filed,	-	5 00	5 50
No. 1, R. H. Smith & Co., C. S., Set and Filed,	-	6 33	6 66



		30 in.	32 in.
No. 11, Jas. Robertson & Co., C. S., Set and Filed,	-	\$5 50	\$6 00
No. 13, Jas. Robertson & Co., S. S., Set and Filed,	-	6 00	6 50



		30 in.	32 in.
No. 17, Jas. Robertson & Co., C. S., Set and Filed,	-	\$5 50	\$6 00
No. 19, Jas. Robertson & Co., S. S., Set and Filed,	-	6 00	6 50
No. 6, Disston's C. S., Set and Filed,	-	6 00	6 50

We can supply other styles of Teeth when required.

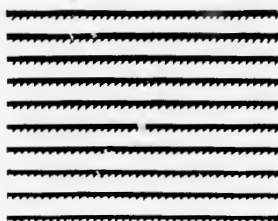
*Billet Webs one dozen in a package.*

## Butcher Webs.

Inches.	12	14	16	18	20	22	24	26
2 inches wide, per dozen.	\$5 50	\$6 25	\$7 50	\$8 00	\$9 00	\$10 00	\$11 75	\$12 50
1 1/2 " " "	4 62	5 37	6 37	7 00	7 87	8 75	10 27	11 37
1 1/4 " " "	4 19	4 50	5 20	5 75	6 25	6 75	7 25	8 00
1 " " "	3 75	4 25	5 00	5 50	6 00	6 50	7 00	7 75

We keep in stock 1 inch wide only but can supply any of the other widths.

## Bracket Saw Blades.



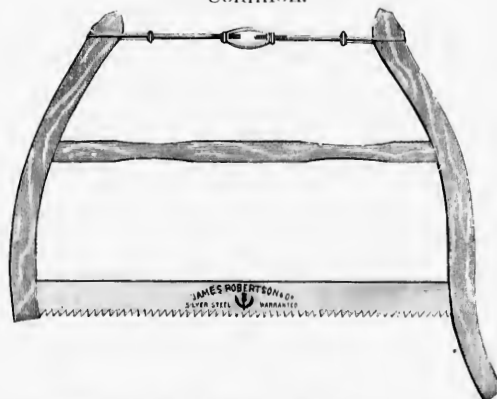
Assorted up to No. 4,  
Assorted, Nos. 5 to 8,

per gross, \$0 90  
" 1 05

*One gross of one number in a package.*

## Framed Wood Saws.

Common.



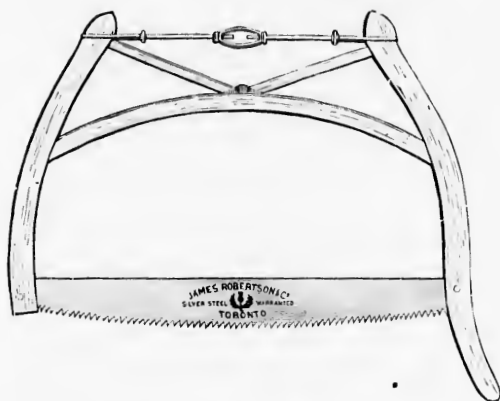
Unpainted Frame, Complete with No. 7 Blades, 30 inch,  
Painted Red Frame, Complete, with No. 9 Blades, 30 inch,

per dozen, \$7 00  
" 8 50

*Half dozen in a bundle.*

# Framed Wood Saws.

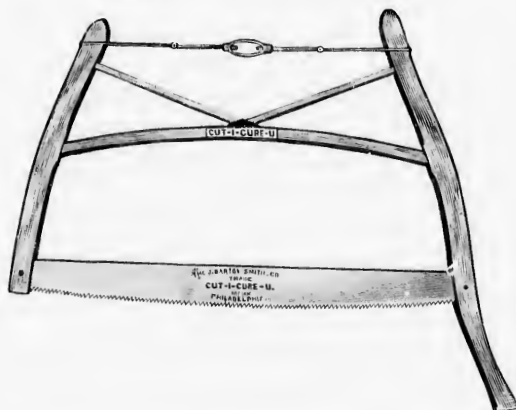
The "John A." and the Leader.



The Leader, Unpainted Frame, Complete, with No. 9 Blades, 30 inch, per dozen, \$8 50

The "John A," Painted Red Frame, Complete, with No. 19 Blades, 30 inch,  
per dozen, 10 00

Parker's "The Cut-I-Cure-U."



The "Cut-I-Cure-U," Improved, Painted Red Frame, London Spring Steel Blade,  
Bow Belly. Extra Thin Back, Sharpened, Tinned Rod and Rivets.

per dozen, \$12 00

*Half dozen in a box.*